



PROJECT: Indiana Harbor and Canal Confined Disposal Facility (CDF), East Chicago, Indiana

AUTHORIZATION: Rivers and Harbors Act of 1910, 1930, 1935, 1937 and 1960, WRDA 1986 and 1996

DESCRIPTION: Because of contaminated sediments on the harbor and canal bottom, the harbor has not been dredged since 1972. Efforts have been underway ever since to find an environmentally acceptable and economically feasible solution to contain the contaminated sediments. While the U.S. Environmental Protection Agency (USEPA) today helps ensure that such contaminated discharges into the harbor and canal no longer continue, the problem of removing the existing contaminants remains. An estimated dredging backlog of 1 million cubic yards of sediments causes pollution of Lake Michigan and deep draft navigation problems. The current project is a collaborative effort of the public, USEPA Region 5, Indiana Department of Environmental Management (IDEM), East Chicago Waterway Management District (ECWMD) the non-federal sponsor, and the U.S. Army Corps of Engineers Chicago District. It provides for constructing a confined dredged material disposal facility on the former Energy Cooperative Inc. (ECI) site in East Chicago, Indiana, and dredging the entire federal channel to congressionally authorized navigation depths. Dredging by non-federal interests of the berthing and dock areas adjacent to the federal channel is also planned. A member of the community first suggested the idea of utilizing the former ECI site for the CDF, where soil and groundwater contamination already exist. Along with safely confining the contaminated sediment, the proposed CDF will isolate and contain the on-site contamination in compliance with the Resource Conservation and Recovery Act (RCRA). The former ECI site offers the added advantage of being located on the canal, making disposal activities accessible from the water where the dredging will occur. Public and private interests will share the responsibility to construct, operate and maintain the CDF, and dredge the harbor and canal. The joint EPA-Corps Draft Environmental Impact Statement (EIS) and Comprehensive Management Plan (CMP) were released for public review and comment October 1995. Comment period ended April 1, 1996. The Final EIS was released for public and agency review October 16, 1998, the comment period ended November 17, 1998 and the Record of Decision was signed February 2, 1999. The Project Cooperation Agreement (PCA) was executed for the project with the East Chicago Waterway Management District by the Assistant Secretary of the Army for Civil Works on August 7, 2000. The design effort for the project is currently underway.

FY01 WORK: (Federal - \$3,417,500, Non-Federal - \$2,350,400)

- Initiate background air monitoring
- Complete cut-off wall plans and specifications
- Advertise cut-off wall construction contract
 - Complete railroad space relocation plans and specifications

FY02 WORK: (Federal - \$5,000,000, Non-Federal - \$3,438,819)

- Initiate cut-off wall construction
- Initiate railroad space relocation construction
- Complete inward hydraulic gradient system plans and specifications
- Initiate treatment plant plans and specifications

PROJECT COSTS, CDF CONSTRUCTION:

Total CDF Cost	\$118,000,000 (includes RCRA costs)
Federal Cost	61,100,000
Non-Federal Cost	56,900,000

NON-FEDERAL SPONSOR: East Chicago Waterway Management District

ISSUES/CONCERNS: The construction cost estimate and calendar day duration for the cut-off wall are greater than anticipated and are currently being evaluated to confirm appropriateness of the scope.